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some reason to believe, however, that a donor can be found. As these mechanical parts can be constructed in a single year, while the completion of the mirror will require four years, there is no need of haste in this regard.

GEORGE E. HALE.

#### REOBSERVATION OF THE SEVENTH SATELLITE OF *JUPITER*.

The first observation of the seventh satellite of *Jupiter* at the present opposition was secured with the Crossley reflector on September 17th. The image of the satellite (with one hour's exposure) is extremely faint. The identity of the object was only made certain from plates secured on September 25th and 26th with longer exposures.

The position of the satellite with respect to its primary on September 25th, at 23<sup>h</sup> 54<sup>m</sup> 30<sup>s</sup>, P. S. T., was

Position-angle .....	119° 4'
Distance .....	42'.96

A comparison of this place with Ross's ephemeris, published in *A. N.* 4101, gives the following residuals—in the sense observed *minus* ephemeris:—

Position-angle .....	— 1°.1
Distance .....	+ 0'.2

This must be considered a very satisfactory agreement.

MT. HAMILTON, CALIFORNIA,  
September 28, 1906.

C. D. PERRINE.

#### ERRATUM.

In No. 109, these *Publications*, p. 262, line 9, for 13.2 read 132.

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